ISSUE SLIP STAPLE AREA (for additional cross references)

| PGSITION | INITIALS | iD NO. | DATE |
|---------------------|----------|--------|----------|
| FEE DETERMINATION | Two - | 755 | 04-19-99 |
| O.I.P.E. CLASSIFIER | | 25 | 04-21-90 |
| FORMALITY REVIEW | | 69055 | 3-17-19 |

INDEX OF CLAIMS

| ., | Rejected | | ±; | ·N | Non-elected |
|----------|----------------------------|-----|----|----|--------------|
| <u> </u> | Allowed | · - | | 1 | Interference |
| | (Through numeral) Canceled | | | Α | Appeal ? |
| · | Restricted | | | 0 | Objected |

| Claim Date Clai | | | | | . • | ÷ | : | | | •••• | | | •••• | Res | trict | ed | | | | 0 | •••• | | ••••• | | | •••• | C | Dje | cte | ٥ | | | , . | 1 | 1 | | |
|--|--------------|-----|-------------------------|----------|----------------|---------|---------|----------|--------------|--------------|----------|----------|----------|--------------|-------------------------|----------|-----------------|----------|---------------|--------------|----------------|--------------|-----------------|----------|------------|----------|---------|-----|--------------|-----|-----|--------------|--------|--------------|-------------------------|--|------------|
| Cush | | 8 | نع | 4 | \ = | | _ | <u> </u> | | _ | 7 | - [- | 102 | | _ | | | De | ate | | | | | 7 | С | lair | n I | | | 3.1 | 1 | Date | 35 | ; <u>;</u> ; | | | |
| Se | Ctalm | ١. | δ. i | `\\ | | ate | , | 71 | | | 4- | 10 | т. | | _ | _ | т- | Ť | 1 | т- | T- | Т | Ť | 1. | ř | 1 | | Ť | T. | | 1 | 1 | T | Ť | ा | ा | 1 |
| Se | nal | 2 | | 11% | 2 8 | | 2 | | | | | 1 | | E STATE | | | | | | | | | | | 3 | | a Guida | 1 | | | | | | | | | |
| Se | EB | 13 | Z. | → | ¥ | # | + | ᅪ | + | + | - ' | ۲ | 1 | . | +- | 十 | + | 1 | + | T | 1 | T | + | 1 | ·F | 7 | 01 | T | 3.5 | | | | | | | | . 4 |
| S | | | Y) | ч. | | ተነ | т | | + | + | + | 卜 | | | + | + | + | t | 1 | T | + | T | | 1 | | | | | | | Ä | | \Box | | Ç. | ξ. | |
| A | | | _ | -+, | + | Н | | | + | + | ╡ | 十 | | | 十 | + | † | 1 | T | ✝ | T | T | Τ | 7 | Γ | 7 | 03 | I | | i | | | | 1 | . ; | | |
| 5 6 7 7 7 7 7 7 7 7 7 | | | | | 1 | # | щ | | + | + | - | 1 | | | + | + | ┪ | T | 1 | T | | T | | 1 | | | | | 1 | | | | | |) L | | |
| S | | | - | | 4 | Н | H | _ | + | \dashv | 1 | 1 | | | 十 | \top | | T | | 1 | | Ι | |] | | | | _ | _ | | | \mathbb{M} | | | | Ш | |
| 10 | · | | | _ | | Н | Н | # | + | _ | ┥. | - | _ | | + | 1 | T | T | 1 | Т | T | Τ | |] | | _ | | 1 | | 3 | , | 1 | | | | 1. | |
| S | | H | _ | | | H | H | Ħ | 7 | 7 | ٦. | ٠ŀ | 1 | 57 | 1 | 1 | T | Τ | | Т | T | \mathbf{I} | Ŀ | 1 | | | _ | ┙ | - | , | 43 | | | | <u></u> | | <u>(*)</u> |
| 10 | | H | | ۲, | 4 | 11 | H | †† | -1 | ヿ | 1 | t | | 58 | 1 | | \top | | ${\mathbb T}$ | \mathbb{L} | Ŀ | I | |]. | L | | | _ | | 3 | | | | | | 1 | ن |
| 10 | | | | _ | 7 | 11 | H | 11 | 7 | 7 | 7 | | 7 | 59 | | | | | | | L | l | 上 | _ | L | _ | _ | 4 | 1 | | 4 | 4 | 1 | | - | | |
| 11 | | - | | | 7 | Ħ | H | 11 | | 1 | | | | 60 | Т | | 1 | I | I | L | L | 1 | \perp | 1 | L | _ | | 4 | 4 | _1 | | | | 2 | | _ | |
| 12 | | | 121 | N | * | # | H | Ħ | | | 7 | | | 61 | | T. | | Ι | 1 | | | \perp | \perp | 1 | L | | | - | _ | - 1 | 0 1 | - | | - | - | | - |
| 13 | | 1.1 | | | | Ħ | Ħ | ᅜ | 1 | 目 | 7 | ं | | 62 | | | \perp | \perp | \perp | 1 | \perp | 1 | 4 | 4 | | _ | _ | 4 | - | | 1 | | | - | - | 1 | 34. |
| 14 | | | _ | | す | 11 | Ħ | | | | | | | 63 | $oldsymbol{\mathbb{I}}$ | Ι | \perp | | | | \perp | 1 | \bot | إ | L | | - | -1 | | 11 | | <u> </u> | | - | - | + | |
| 15 | 107 | _ | | | d | Ħ | T | | | ì | | | | | $oldsymbol{\perp}$ | | | | | 1 | 1 | 1 | 4 | 4 | - | _ | _ | 4 | 4 | | | - | ļ., | - | - | + | H |
| 16 | مستهنب خالاء | - | | | ~6 | T | П | ار | 14 | | | | | | \perp | | | 1 | \perp | 1 | 1 | 1 | _ | | - | | | 4 | 44 | 1 | - | - | - | - | 1 | 1 | 3 |
| 17 | 1 | | _ | u | 4 | 1 | П | = | | | ∴. | [| | | | 1 | 1 | 1 | 4 | 4 | 1 | 4 | 1 | 4: | - | | | - | | 1 | 71. | - | 1 | - | 1 | 1 | - |
| 18 19 10 10 10 10 10 10 10 | 1. 17 | 7 | _ | 7 | न | Π | П | 4 | | _ | | . 1 | | _ | 1 | _ | 4 | 1 | 1 | 4 | 1 | 4 | 4 | 4 | | | _ | | 3.0 | - | - | - | - | - | + | ╁╴ | Н |
| 19 | 110 | 뷺 | 14 | 7 | 7 | П | Т | | · | | | - [| | | ١. | 4 | _ | 4 | | 4 | - | 4 | 4 | 4 | - | 4 | - | - | - | - | 1 | + | | ╁ | + | + | 1 |
| 12 | 7 18 | | 17 | ∀ | 7 | Π | Т | | | | | | | 69 | \perp | _ | 4 | 4 | 4 | 4 | - | 4 | 4 | 4 | - | _ | | | | - | + | - | 1- | ╁ | + | + | ۲ |
| 21 71 72 122 123 123 124 124 124 124 124 124 124 124 124 124 124 125 125 126 126 126 126 126 126 127 127 127 127 127 127 127 127 128 128 128 128 128 128 128 129 128 129 129 128 129 128 129 128 129 128 129 128 129 128 129 128 129 129 128 129 128 129 128 129 128 129 129 129 128 129< | | | 17 | ٦. | 7 | 11 | Т | Γ | | | П | • | | 70 | | | | | | 1 | | 1 | \dashv | 4 | 1 | | - | | | Ļ | 1 | 1 | 1 | Į. | + | + | - |
| 72 | حساستا، | | | | 굯 | 11 | T | T | | | П | | | 71 | \Box | | | | | \perp | 1 | 4 | 4 | 4 | ļ | | _ | _ | | | 1 | 1 | - | ŀ. | + | + | 1 |
| 23 | | | _ | 7 | _ | 1 | T | П | | | | - [| | | | | ┙ | _ | 1 | \perp | 4 | 4 | 4 | 4 | - | | | _ | | 15 | ŀ | - | - | ╁ | ╁ | +- | 1 |
| 74 | | | _ | 7 | _ | 1 | T | 17 | | Г | | | | | | | \perp | \perp | _ | 4 | \perp | 4 | 4 | 4 | ١ | | | - | | L | ╀ | - | 4- | ⊬ | + | + | 1 |
| 75 | 2 | 4 | _ | 7 | u | V | V | 70 | | | | · | | _ | _ | _ | \perp | _ | \perp | \perp | _ | 4 | 4 | 4 | | | - | | | - | + | F | +- | ╁ | + | 十 | 十 |
| 26 | 12 | 2 | 1- | | | | | Π | | | | | | | \perp | _ | \perp | 1 | \dashv | <u> </u> | 4 | 4 | \dashv | 4 | | _ | - | | Ŀ | H | ŀ | ╁ | +- | + | 十 | + | + |
| 77 | . 2 | d l | | | | | | | | | | | _ | _ | | \dashv | 4 | 4 | | 4 | 4 | 4 | + | 긕 | | _ | _ | _ | - | H | ╀ | ╁ | ╁ | ╁ | 十 | 十 | + |
| 129 | 12 | Ŧ | | | | | | | | | | | L | | | \dashv | 4 | 4 | _ | _ | \dashv | _ | - | ᅴ | | _ | | - | - | ╀ | ╁ | ╁ | ╁ | + | + | 十 | 1 |
| 32 | 2 | 8 | | | | | | | | | Ш | | L | | Ц | _ | _ | 4 | _ | | \dashv | | \dashv | -1 | | _ | | ⊢ | \vdash | ╁ | ╁ | ╁ | 十 | + | 十 | 十 | † |
| 32 | 12 | • | П | | | | | Ι. | | | Ш | | L | | Ц | _ | _ | 4 | | | - | 4 | \dashv | \dashv | 1 | - | | | - | ╀ | ╁ | 十 | 十 | 十 | + | 十 | 十 |
| 32 | . 13 | фl | П | Π | | | Γ | | | | Ш | | L | | Ш | \dashv | _ | 4 | | _ | _ | \dashv | \dashv | - | | - | _ | - | - | ╁ | ╁ | ╁ | 十 | 十 | 十 | + | 1 |
| 32 | | 3)1 | П | | | | | | L | L | Ш | | L | _ | | \dashv | _ | _ | | - | -+ | - | \dashv | 4 | | - | | - | - | ╁╴ | ╁ | 十 | ╁ | 十 | + | + | T |
| 33 34 35 36 36 37 36 37 37 38 39 39 39 39 30 31 34 39 39 30 31 31 32 31 32 32 32 32 | 3 | 32 | П | | | | L | L | | L | \sqcup | | L | | Щ | | _ | _ | \dashv | - | - | | \vdash | ᅴ | | _ | — | - | ╁ | ╁╴ | + | + | 十 | 十 | 十 | 十 | 1 |
| 34 | | 33 | П | | | Ĺ | L | 1_ | 1_ | L | \perp | | L | | Ш | \Box | \dashv | 4 | - | -1 | -+ | | $\vdash \vdash$ | \dashv | | - | | | ╁╌ | ╁ | ╁ | ╁ | 十 | + | ╅ | 十 | T |
| 38 37 88 88 89 138 139 140 141 141 141 142 142 142 143 144 144 145 145 145 146 147 148 149 | | 4 | | | Ĺ | | 1 | 1 | <u> </u> | L | \perp | | 1 | | \vdash | Н | \dashv | | \vdash | _ | -+ | _ | \vdash | | | ┢ | | | ╁ | + | + | + | + | 十 | \dagger | T | I |
| 137 | | 35 | \prod | | | L | L | \perp | \perp | \perp | \bot | | - | | - | Н | \dashv | \dashv | \vdash | | | _ | \vdash | \dashv | | \vdash | | | + | ╁ | 十 | + | 十 | 十 | † | 1 | \perp |
| 37 | 1 | 36 | Ш | | L | \perp | L | \perp | \downarrow | \perp | 4_ | ļ | - | _ | \vdash | Н | | _ | \vdash | | -+ | | \vdash | \dashv | | - | | _ | t | †- | + | + | + | † | 1 | I | I |
| 88 | | 37 | \coprod | L | L | L | 1 | \perp | \downarrow | \perp | 丨 | l | - | | | \vdash | - | | Н | | | | \vdash | Н | | \vdash | _ | - | †- | + | + | T | T | 1 | T | floor | I |
| 39 | | | \coprod | \perp | \perp | L | 1 | \perp | 1 | + | + | ł | - | | | \vdash | $\vdash\vdash$ | | \vdash | \dashv | | | \vdash | Н | | \vdash | - | - | + | + | T | T | 十 | 1 | I | $oldsymbol{\mathbb{I}}$ | |
| 141 | | 39 | 11_ | 1 | | \perp | \bot | \perp | 4 | + | + | - | \vdash | _ | - | \vdash | $\vdash \vdash$ | _ | \vdash | - | \dashv | | Н | H | | - | | _ | † | T | + | + | T | T | T | \prod | 丄 |
| 41 | | | <u>Y</u> | \perp | \perp | \perp | 1 | \perp | 丰 | 4 | \perp | 1 | - | - | +- | \vdash | \vdash | _ | - | | ⊢-ŀ | _ | + | \vdash | | \vdash | - | - | + | + | + | + | + | T | T | T | |
| 42 | | 41 | \prod | L | | | 1 | \perp | 1 | 4 | \bot | 1 | 1 | 1 | | - | Н | _ | \vdash | H | $\vdash\vdash$ | | \vdash | ⊢ | | \vdash | | | + | + | + | 十 | 十 | 十 | T | I | \perp |
| 43 | | | $oldsymbol{\mathbb{T}}$ | L | \perp | L | 1 | 1 | 1 | 4 | 4- | 1 | \vdash | | _ | - | - | - | \vdash | - | \vdash | _ | 1 | - | ł | \vdash | _ | | + | + | + | 十 | + | 7 | T | floor | \perp |
| 44 | | 43 | | | L | 1 | \perp | \perp | \perp | \perp | 4 | 4 | - | | | ⊢ | - | - | \vdash | ⊢ | \vdash | - | +- | \vdash | | \vdash | → | +- | + | + | + | + | 十 | T | Т | floor | \perp |
| 45 | | 44 | Ι | \perp | | | \perp | \perp | \perp | 1 | 1 | 1 | - | | _ | ₩ | ⊢ | - | 1- | - | H | - | +- | \vdash | 1 | \vdash | | | + | + | + | + | 十 | 1 | I | $oldsymbol{oldsymbol{oldsymbol{\square}}}$ | \perp |
| 46 | 1 | | floor | | L | \perp | \perp | \perp | 4 | + | 4 | - | \vdash | | _ | - | ╀ | - | +- | - | - | - | +- | ╁╴ | ١. | \vdash | | | + | + | + | + | 十 | T | floor | \perp | \perp |
| 47 | | | \perp | | | 1 | \bot | \perp | 4 | 4 | + | 4 | - | | _ | ┼- | − | - | +- | \vdash | +- | - | + | \vdash | ٔ ا | ۴ | | | + | ╅ | 十 | + | T | Т | floor | \perp | 丄 |
| 48 99 149 | | | | \perp | \perp | 1 | 1 | \perp | \perp | \downarrow | + | 4 | - | | | ╁ | +- | - | +- | \vdash | +- | \vdash | + | + | 1 | \vdash | | _ | + | + | + | 7 | 丁 | $oxed{I}$ | $oldsymbol{\mathbb{I}}$ | \perp | 4 |
| | 11 | _ | \Box | \perp | 1 | 1 | 4 | _ | + | + | + | 4 | - | | | ╀ | \vdash | \vdash | ╁ | - | +- | ╁ | ╁ | +- | 1 | \vdash | - | - | + | + | + | 7 | I | I | \bot | 4 | + |
| | | 49 | | 1 | 4 | \perp | 4 | + | + | + | + | \dashv | - | | | ╁ | +- | \vdash | +- | \vdash | ╁ | ╁ | +- | \vdash | 1 | + | | | + | + | T | | floor | \Box | _ | _L | |

If more than 150 claims or 10 actions staple additional sheet here